

TMPO Antibody

Catalog No: #32699

Package Size: #32699-1 50ul #32699-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

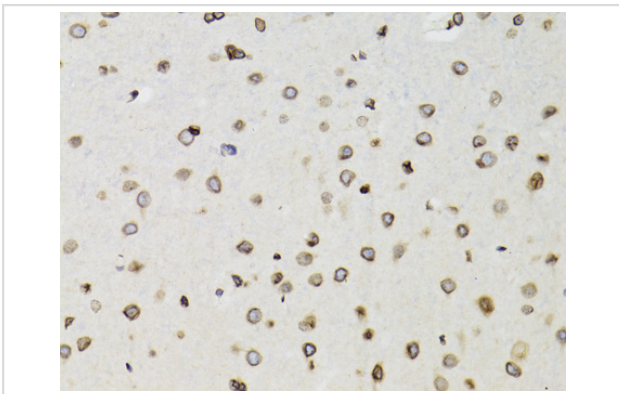
Description

Product Name	TMPO Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total TMPO protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TMPO.
Target Name	TMPO
Other Names	TP; LAP2; CMD1T; LEMD4; PRO0868
Accession No.	Swiss-Prot:P42167NCBI Gene ID:7112
Uniprot	P42166
GeneID	7112;
SDS-PAGE MW	75KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

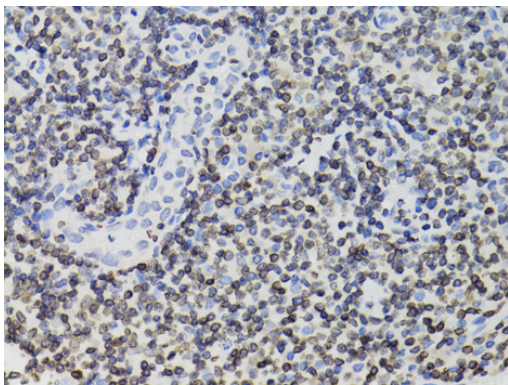
Application Details

WB □ 1:500 - 1:2000 IHC □ 1:50 - 1:200 IF □ 1:50 - 1:200

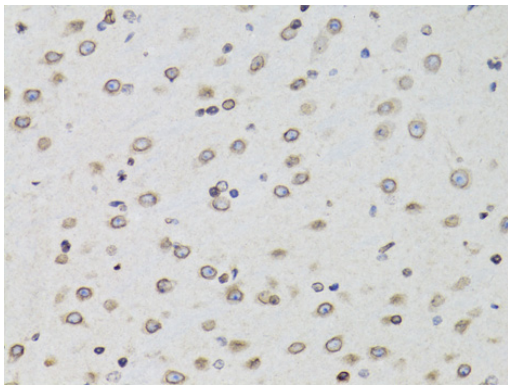
Images



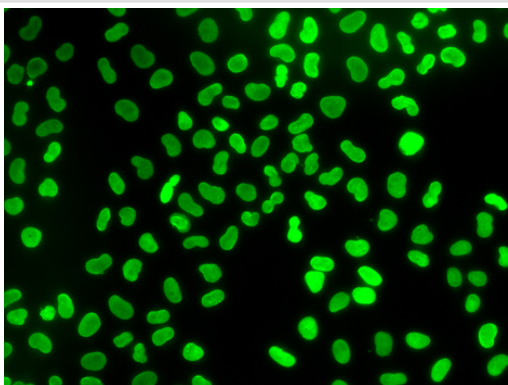
Immunohistochemistry of paraffin-embedded rat brain using TMPO at dilution of 1:100 (40x lens).



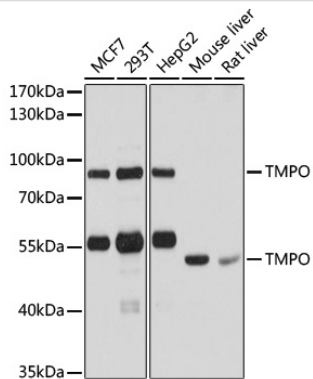
Immunohistochemistry of paraffin-embedded human tonsil using TMPO at dilution of 1:100 (40x lens).



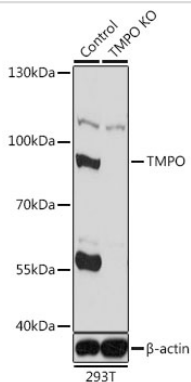
Immunohistochemistry of paraffin-embedded mouse brain using TMPO at dilution of 1:100 (40x lens).



Immunofluorescence analysis of U2OS cells using TMPO .



Western blot analysis of extracts of various cell lines, using TMPO at 1:1000 dilution.



Western blot analysis of extracts from normal (control) and TMPO knockout (KO) 293T cells, using TMPO at 1:1000 dilution.

Background

The protein encoded by this gene resides in the nucleus and may play a role in the assembly of the nuclear lamina, and thus help maintain the structural organization of the nuclear envelope. It may function as a receptor for the attachment of lamin filaments to the inner nuclear membrane. Mutations in this gene are associated with dilated cardiomyopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Note: This product is for in vitro research use only